ELSEVIER

Molecular and Biochemical Parasitology 74 (1995) 251–252

MOLECULAR AND BIOCHEMICAL PARASITOLOGY

# Contents of Volume 74

*Research Papers*

**Transient expression of luciferase in *Entamoeba histolytica* driven by the ferredoxin gene 5′ and 3′ regions**
C.A. Gilchrist, H.L. Streets, J.P. Ackers, R. Hall (UK) 1

***Plasmodium falciparum* glutathione reductase exhibits sequence similarities with the human host enzyme in the core structure but differs at the ligand-binding sites**
S. Müller, K. Becker, B. Bergmann, R.H. Schirmer, R.D. Walter (Germany) 11

**Characterisation of a novel Kunitz-type molecule from the trematode *Fasciola hepatica***
S.E. Bozas, M. Panaccio, J. Creaney, M. Dosen, J.C. Parsons, G.V. Vlasuk, I.D. Walker, T.W. Spithill (Australia, USA) 19

**A polymorphic minisatellite sequence in the subtelomeric regions of chromosomes I and V in *Leishmania infantum***
C. Ravel, P. Wincker, P. Bastien, C. Blaineau, M. Pagès (France) 31

**The secretory pathway of *Plasmodium falciparum* regulates transport of p82⊢RAP-1 to the rhoptries**
R.F. Howard, C.M. Schmidt (USA) 43

**Restriction enzyme-mediated integration elevates transformation frequency and enables co-transfection of *Toxoplasma gondii***
M. Black, F. Seeber, D. Soldati, K. Kim, J.C. Boothroyd (USA, Germany) 55

**Glycosyl inositolphospholipid-anchored structures in *Herpetomonas davidi***
P.Bütikofer, M. Boschung (Switzerland) 65

**Glucose transport in amastigotes and promastigotes of *Leishmania mexicana mexicana***
R.J.S. Burchmore, D.T. Hart (UK) 77

**Complementation of a *Toxoplasma gondii* ROP1 knock-out mutant using phleomycin selection**
D. Soldati, K. Kim, J. Kampmeier, J.-F. Dubremetz, J.C. Boothroyd (USA, France) 87

*Short Communications*

**Cloning and expression of the adenine phosphoribosyltransferase gene from *Leishmania donovani***
T. Allen, H.-Y. Hwang, K. Wilson, S. Hanson, A. Jardim, B. Ullman (USA) 99

**The *Plasmodium cynomolgi* merozoite surface protein 1 C-terminal sequence and its homologies with other *Plasmodium* species**
S. Longacre (France) 105

**Human serum resistant *Trypanosoma brucei rhodesiense* accumulates similar amounts of fluorescently-labelled trypanolytic human $HDL_3$ particles as human serum sensitive *T.b. brucei***
P. Lorenz, J.S. Owen, D.G. Hassall (Switzerland, UK) 113

**Molecular characterization of the mitochondrial heat shock protein 60 gene from *Trypanosoma brucei***
F. Bringaud, S. Peyruchaud, D. Baltz, C. Giroud, L. Simpson, T. Baltz (France, USA) 119

**Merozoite surface antigen 2 (MSA-2) gene of *Plasmodium falciparum* strains from India**
P. Bhattacharya, P. Malhotra, P. Sharma, D.M.N. Okenu, V.S. Chauhan (India) 125

*Research Papers*

**Molecular cloning of a gene from *Plasmodium falciparum* that codes for a protein sharing motifs found in adhesive molecules from mammals and Plasmodia**
F. Trottein, T. Triglia, A.F. Cowman (Australia) 129

**COS cell expression cloning of Pfg377, a *Plasmodium falciparum* gametocyte antigen associated with osmiophilic bodies**
P. Alano, D. Read, M. Bruce, M. Aikawa, T. Kaido, T. Tegoshi, S. Bhatti, D.K. Smith, C. Luo, S. Hansra, R. Carter, J.F. Elliott (Italy UK, USA, Canada) 143

**Analysis of *pfmdr1* and drug susceptibility in fresh isolates of *Plasmodium falciparum* from Subsaharan Africa**
L.K. Basco, J. Le Bras, Z. Rhoades, C.M. Wilson (France, USA) 157

**Processing and transport of a lysosomal membrane glycoprotein is developmentally regulated in African trypanosomes**
R.J. Kelley, M.J. Brickman, A.E. Balber (USA) 167

**Ouabain-sensitive $Na^+,K^+$-ATPase in the plasma membrane of *Leishmania mexicana***
P. Felibertt, R. Bermúdez, V. Cervino, K. Dawidowicz, F. Dagger, T. Proverbio, R. Marín, G. Benaim (Venezuela) 179
**The *Leishmania* promastigote surface antigen 2 complex is differentially expressed during the parasite life cycle**
E. Handman, A.H. Osborn, F. Symons, R. van Driel, R. Cappai (Australia) 189
**Phenotype and genotype diversity in the circumsporozoite proteins of *Plasmodium vivax* in Thailand**
P. Rongnoparut, N. Supsamran, J. Sattabongkot, N. Suwanabun, R. Rosenberg (Thailand) 201

*Short communications*
**Absence of the glutamic acid/alanine-rich protein (GARP) genes in the *Nannomonas* species *Trypanosoma simiae* and *T. godfreyi***
L.H. Garside, W.C. Gibson (UK) 211
**Sequence and immunogenicity of the 23-kDa transmembrane antigen of *Schistosoma haematobium***
J. Inal, Q. Bickle (UK) 217
**Molecular evidence for a close relative of the arthropod endosymbiont *Wolbachia* in a filarial worm**
M. Sironi, C. Bandi, L. Sacchi, Barbara Di Sacco, G. Damiani, C. Genchi (Italy) 223
**Evidence for the smallest nuclear genome (2.9 Mb) in the microsporidium *Encephalitozoon cuniculi***
C. Biderre, M. Pagès, G. Méténier, E.U. Canning, C.P. Vivarès (France, UK) 229
**Sequence and structural characterization of the spliced leader genes and transcripts in *Phytomonas***
L.R. Nunes, M.M.G. Teixeira, E.P. Camargo, GA. Buck (USA, Brazil) 233
**The structural gene for carbamoyl phosphate synthetase from the protozoan parasite *Babesia bovis***
K. Chansiri, A.S. Bagnara (Australia) 239
**Molecular cloning and characterization of an *Echinococcus multilocularis* and *Echinococcus granulosus* stress protein homologous to the mammalian 78 kDa glucose regulated protein**
F. Mühlschlegel, P. Frosch, A. Castro, H. Apfel, A. Müller, M. Frosch (Germany) 245

*Contents of Volume 74* 251

*Instructions to Authors*